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<u> </u>	To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof		
	1. Name of conveying party(ies):	2. Name and address of receiving party(ies) Co. So. University	
	ROBERT BOSCH GMBH	Name: SHARP CORPORATION Internal Address:	
	Additional name(s) of conveying parties attached? ☐ Yes ☐ No	Street Address: 22-22 Nagaike-cho, Abeno-ku City: Osaka State: JAPAN ZIP: 545-8522	
		Additional name(s) & address(es) attached? □ Yes ☑ No	
	3. Nature of conveyance: ☑ Assignment □ Merger □ Security Agreement □ Change of Name □ Other: □		
1	Execution date(s): March 5, 2007		
	4. Application numbers or patent numbers: Execution date of application is:		
ŀ	A. Patent Applications:	B. Patent No.(s)	
Į	10/181,464		
	Additional Numbers attached? ☐ Yes ☑ No		
	5. Name and address of party to whom correspondence concerning document should be mailed: Name: Gerard A. Messina Internal Address: KENYON & KENYON LLP Street Address: One Broadway City: New York State: New York ZIP: 10004 CUSTOMER NO. 26646	6. Total number of applications and patents involved: 1	
		7. Total fee (37 C.F.R. 3.41)	
-		☑ Authorized to be charged to deposit account	
		8. Deposit account number: 11-0600	
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	9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.		
ſ	Gerard A. Messina (Reg. No. 35,952) (JONG LEE BY 3/21/07		
Ļ	Name of Person Signing R.Ab. 36,197 Signature	Gerand Mewind) Date	
		per of pages including cover sheet, attachments and document: 3	
L	OMB No. 0651-0011 (exp. 4/94)		
	Do not detach this portion Mail documents to be recorded with required cover sheet information to: Mail Stop Assignment Recordation Services Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450 3/28/2007 DBYRNE 00000038 110600 10181464		
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ASSIGNMENT

WHEREAS, ROBERT BOSCH GMBH, having a place of business at Postfach 30 02 20, DE-70442 Stuttgart, Federal Republic of Germany, owns the entire right, title and interest in and to U.S. Patent Application Number 10/181,464 having a U.S. filing date of October 18, 2002 and entitled "METHOD FOR OPERATING A MOBILE RADIO NETWORK," and to the inventions described and claimed therein; and

WHEREAS, SHARP CORPORATION, havin	g a place of business at
22-22 Nagaike-cho, Abeno-ku	
Osaka 545-8522, Japan ,	

is desirous of acquiring the entire right, title and interest in and to U.S. Patent Application Number 10/181,464 and the inventions described and claimed therein;

NOW, THEREFORE, for valuable consideration furnished by SHARP CORPORATION to ROBERT BOSCH GMBH, the receipt and sufficiency of which is hereby acknowledged, ROBERT BOSCH GMBH hereby, without reservations, assigns, transfers and conveys to SHARP CORPORATION, its successors and assigns, the entire right, title and interest in and to U.S. Patent Application Number 10/181,464 and the inventions described and claimed therein, including the right to apply for any Letters Patent of the United States of America on the inventions, and any Letters Patent that may issue thereon or therefor in the United States, and all reissues, extensions, renewals, divisions and continuations thereof, the same to be held and enjoyed by SHARP CORPORATION, its

PATENT REEL: 019092 FRAME: 0530 successors and assigns, the same as it would have been held and enjoyed by **ROBERT BOSCH GMBH** if this Assignment had not been made.

This Assignment of U.S. Patent Application Number 10/181,464 and the inventions described and claimed therein is subject to the provisions of the Patent License Agreement of December 20 and 22, 2006, in particular paragraphs 7, 10(1) and 10(4) thereof, as well as the letter agreement of January 4, 2007, both executed between ROBERT BOSCH GMBH and SHARP CORPORATION.

IN TESTIMONY WHEREOF, **ROBERT BOSCH GMBH** has hereunto set its hand and seal this <u>05</u> day of <u>March</u>, 2007.

ROBERT BOSCH GMBH

Signature:

Name: ppa. Jürgen Friedmann

ppa. Andreas Käde

Title

: authorized corporate officer

authorized corporate officer

ma her

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RECORDED: 03/27/2007



PATENT REEL: 019092 FRAME: 0531